

ABSTRACT OF THE DISCLOSURE

A discharge lamp comprises an enclosure in which
a discharging gas is sealed, and a pair of electron-
emitting members sealed in the enclosure between which
5 a voltage is applied and each of which has, at its
surface, a plurality of conductive micro-tips and
an electron-emitting film which supports the plurality
of conductive micro-tips and is made of a material
whose secondary emission efficiency is higher than that
10 of the material for the conductive micro-tips with
respect to the discharging gas.